

## **On-Lake Procedure Summary for Dissolved Oxygen CHEMets**

1. Using the marking pen, mark the new ampules with depths selected for you by your CLMN coordinator
2. Collect water sample from the designated depth using your van dorn water sampler
3. Fill the sample cup to the 25 ml mark with your sample
4. Place the CHEMet ampule marked with the correct depth in the sample cup. There is a small square glued to the bottom of the sample cup. Snap the tip of the ampule by pressing the tip against the corner of that small square. The ampule will fill, leaving a small bubble to facilitate mixing
5. Mix the contents of the ampule by inverting it several times, allowing the bubble to travel from one end to end each time. Wait 2 minutes for color development.
6. Compare sample in ampule to the "comparator" chart in the black box. Match color to the standards. If the color of your sample is between two color standards, estimates can be made.
7. Repeat steps 2-6 for your remaining pre-selected depths